

**Application Form**  
**Recent Trends in Power  
Electronics and Control  
(RTPEC 2020)**  
**May 21<sup>st</sup> to May 25<sup>th</sup> - 2020**

1. Name :
2. Designation :
3. Institution:
4. Department :
5. Mobile No. :
6. E-mail id. :

Click on the below hyperlink:

<https://docs.google.com/forms/d/e/1FAIpQLSdnCdHA0dKtmTc0lgD5WT03iY8y35Z8cDsixWkYDmAzk6HQXA/viewform>

- **No Registration fee**
- **Fill the form earliest.**
- **Limited Seats only and Selected Participants will be intimated on 20-May-2020.**
- **E-Certificates will be issued**

**Contact:**

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Associate Professor.

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**Chief Patron:**

Sri. J. Narsimha Reddy

*Chairman*

**Patrons:**

Sri. J. Trishul Reddy,

*Secretary*

Sri. J. Thrilok Reddy,

*Treasurer*

**Organizing chair:**

Dr. P.Sekhar Babu,

*Principal.*

**Convener:**

Dr. Sayanti Chatterjee, *HOD/EEE.*

**Coordinator:**

Dr. K. Eswaramoorthy, *Associate Professor.*

**Faculty Members:**

Dr.K.Dhineshkumar, *Associate Professor.*

Mr.L Phani Kumar, *Assistant Professor.*

Mr.M.Ravindar, *Assistant Professor.*

Mr.G. Chiranjeevi, *Assistant Professor.*

Mrs.P Anusha, *Assistant Professor.*

Ms.M.Padma, *Assistant Professor.*

**A One Week FDP**

**On**

**Recent Trends in Power  
Electronics and Control  
(RTPEC 2020)**

**May 21<sup>st</sup> to May 25<sup>th</sup> - 2020**



**Organized By**

**Department of Electrical and  
Electronics Engineering**



**Narsimha Reddy  
Engineering College**



**(Permanently Affiliated to J.N.T.U.H.,  
Hyderabad,  
Approved by A.I.C.T.E.- New Delhi)  
Maisammaguda Village, Dhulapally Post,  
Near Kompally, Secunderabad, Telangana.**

## About the college

NRCM is promoted and managed under the inspiring and dynamic Chairmanship of Sri. J. Narsimha Reddy and a fleet of dedicated members. This is the first institution belonging to Jakkula Educational Society (J.E.S.) was established in 2007 to serve the people of this backward region of Telangana. This institution is developed strictly in accordance with the provisions of governing rules and regulations of the approving bodies. We, at N.R.C.M., aspire to establish a system of quality assurance continuously evaluation, monitoring the quality of education and training imparted at the Institute. We strive for improvising teaching and learning process to make N.R.C.M. the centre of excellence.

This Institute is built upon the spacious campus, aesthetically and articulately designed with lush green gardens and landscape. The ideal architecture buildings in the campus add to the overall beauty and elegance of our Institute. It provides an ideal ambience to the budding engineers to shape their career, by imbibing knowledge under the careful observation of the Principal and the dedicated faculty. This Institute is ideally located at Maisammaguda, Secunderabad, Ranga Reddy District and is just at a distance of 15 km from Secunderabad.

## Vision of the institute

To emerge as a destination for higher education by transforming learners into achievers by creating, encouraging and thus building a supportive academic environment.

## Mission of the institute

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## About the department

With the growing demand for Electrical Engineers in the Government and private sectors, the EEE department is endeavoring to produce highly trained and capable engineers who can take up the challenges of the real world. The Department of Electrical and Electronics engineering was started in the year 2009. 60. The department also started M.Tech Programme in Power Electronics in 2013 with an intake of 24 .The department has the fully equipped Project lab to encourage the students to show their creativity. Educational tours and industrial visits are regularly organized to enhance the practical knowledge of the students and to keep them abreast with the latest technological applications in various industries so that their employability skills are enhanced. Vision of the department

To excel in engineering education and research, inculcating and imbibing professional ethics in students and emerge as leaders in the world in the field of electrical and electronics engineering.

## Mission of the department

1. To provide quality education along with research and development proficiency in the domain of Electrical and Electronics Engineering through effective cognitive process.
2. Excellent teaching learning process imbibed with professional ethics and social responsibility in promoting quality education.
3. To provide industry specific laboratory facilities beyond curriculum to meet the changing industrial and societal needs.

## About the program

This one week Faculty Development Program aims at exposing the faculty members and participants to various recent developments in the power electronics & Control and its applications in Electrical Engineering. It provides an in-depth design and analysis of models and demonstrates their applications in real world problems

## Schedule of the course

Date	Resource Person	Topic
21.05.2020	Dr. P. Muthukumar Associate Professor Prasad V. Potluri Siddhartha Institute of Technology Vijayawada. Andra Pradesh	PWM implementation of power converters in MATLAB/FPGA
22.05.2020	Mr. V Surendar Assistant Professor Kongu Engineering College, Erode, Tamilnadu	Research challenges and applications of DC -DC converters fed by PV source
23.05.2020	Dr.K. Premkumar Associate Professor Rajalakshmi Engineering college Chennai,Tamilnadu	Application of PWM DC-DC Converter for PV Emulator
24.05.2020	Dr. N. Patra Assistant Professor Techno India University Kolkata, West Bengal.	State Estimation for Tracking Problem
25.05.2020	Mr. K.S.Kavin Managing Director AB Technologies Nagercoil, Tamilnadu.	Optimized closed loop algorithm for power converters